

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553,576
Source: PCP/10
Date Processed by STIC: 10/28/05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,576

DATE: 10/28/2005

TIME: 10:05:20

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553576.raw

3 <110> APPLICANT: Hirai, Mitsuharu
 5 <120> TITLE OF INVENTION: Method of detecting or quantitatively determining
 mitochondrial DNA 3243
 6 variation, and kit therefor
 8 <130> FILE REFERENCE: TOYA114.008APC
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,576
 C--> 11 <141> CURRENT FILING DATE: 2005-10-17
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/005496
 W--> 14 <151> PRIOR FILING DATE: April 16, 2004
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-111173
 17 <151> PRIOR FILING DATE: 2003-04-16
 19 <150> PRIOR APPLICATION NUMBER: JP 2003-114382
 20 <151> PRIOR FILING DATE: 2003-04-18
 22 <160> NUMBER OF SEQ ID NOS: 22
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 500
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
 29 <220> FEATURE:
 30 <221> NAME/KEY: allele
 31 <222> LOCATION: 243
 33 <400> SEQUENCE: 1

34 ggacatcccg atggcagc cgctattaaa ggttcggttgc ttcaacgatt aaagtcc	60
35 gtgatctgag ttcagaccgg agtaatccag gtcgggttct atctaccttc aaattcctcc	120
36 ctgtacgaaa ggacaagaga aataaggcct acttcacaaa ggcgccttccc ccgtaaatga	180
37 tatcatctca acttagtatt atacccacac ccacccaaga acagggttgc ttaagatggc	240
38 agagcccggt aatgcataa aactttaaaac tttacagtca gaggttcaat tcctcttctt	300
39 aacaacatac ccatggccaa cctcctactc ctcattgtac ccattctaat cgcaatggca	360
40 ttcctaattgc ttaccgaacg aaaaattcttgc ggctatatac aactacgcaa aggccccaaac	420
41 gtggtaggcccctacgggttactacaaccc ttgcgtgacg ccataaaaact ttccacaaaa	480
42 gagccctaa aacccggccac	500
44 <210> SEQ ID NO: 2	
45 <211> LENGTH: 500	
46 <212> TYPE: DNA	
47 <213> ORGANISM: Homo sapiens	
49 <220> FEATURE:	
50 <221> NAME/KEY: allele	
51 <222> LOCATION: 243	
53 <400> SEQUENCE: 2	
54 ggacatcccg atggcagc cgctattaaa ggttcggttgc ttcaacgatt aaagtcc	60
55 gtgatctgag ttcagaccgg agtaatccag gtcgggttct atctaccttc aaattcctcc	120
56 ctgtacgaaa ggacaagaga aataaggcct acttcacaaa ggcgccttccc ccgtaaatga	180
57 tatcatctca acttagtatt atacccacac ccacccaaga acagggttgc ttaagatggc	240
58 agggcccggt aatgcataa aactttaaaac tttacagtca gaggttcaat tcctcttctt	300

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59 aacaacatac ccatggccaa cctcctactc ctcattgtac ccattctaat cgcaatggca	360
60 ttccctaattgc ttaccgaacg aaaaattctta ggctatatac aactacgcaa aggccccaaac	420
61 gtggtagggcc cctacgggct actacaaccc ttgcgtgacg ccataaaaact cttcaccaaa	480
62 gagccccctaa aacccggccac	500
64 <210> SEQ ID NO: 3	
65 <211> LENGTH: 24	
66 <212> TYPE: DNA	
67 <213> ORGANISM: Artificial Sequence	
69 <220> FEATURE:	
70 <223> OTHER INFORMATION: primer	
72 <400> SEQUENCE: 3	
73 ctcaacttag tattatacc acac	24
75 <210> SEQ ID NO: 4	
76 <211> LENGTH: 19	
77 <212> TYPE: DNA	
78 <213> ORGANISM: Artificial Sequence	
80 <220> FEATURE:	
81 <223> OTHER INFORMATION: primer	
83 <400> SEQUENCE: 4	
84 ttttatgcga ttaccgggc	19
86 <210> SEQ ID NO: 5	
87 <211> LENGTH: 16	
88 <212> TYPE: DNA	
89 <213> ORGANISM: Artificial Sequence	
91 <220> FEATURE:	
92 <223> OTHER INFORMATION: primer	
94 <400> SEQUENCE: 5	
95 atgcgattac cgggcc	16
97 <210> SEQ ID NO: 6	
98 <211> LENGTH: 23	
99 <212> TYPE: DNA	
100 <213> ORGANISM: Artificial Sequence	
102 <220> FEATURE:	
103 <223> OTHER INFORMATION: probe	
105 <400> SEQUENCE: 6	
106 cagggtttgt taagatggca ggg	23
108 <210> SEQ ID NO: 7	
109 <211> LENGTH: 24	
110 <212> TYPE: DNA	
111 <213> ORGANISM: Artificial Sequence	
113 <220> FEATURE:	
114 <223> OTHER INFORMATION: probe	
116 <400> SEQUENCE: 7	
117 ccaagaacag ggtttggtaa gatg	24
119 <210> SEQ ID NO: 8	
120 <211> LENGTH: 26	
121 <212> TYPE: DNA	
122 <213> ORGANISM: Artificial Sequence	
124 <220> FEATURE:	

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125 <223> OTHER INFORMATION: probe
 127 <400> SEQUENCE: 8
 128 ccaagaacag ggtttgttaa gatggc 26
 130 <210> SEQ ID NO: 9
 131 <211> LENGTH: 28
 132 <212> TYPE: DNA
 133 <213> ORGANISM: Artificial Sequence
 135 <220> FEATURE:
 136 <223> OTHER INFORMATION: probe
 138 <400> SEQUENCE: 9
 139 ccaagaacag ggtttgttaa gatggcag 28
 141 <210> SEQ ID NO: 10
 142 <211> LENGTH: 30
 143 <212> TYPE: DNA
 144 <213> ORGANISM: Artificial Sequence
 146 <220> FEATURE:
 147 <223> OTHER INFORMATION: probe
 149 <400> SEQUENCE: 10
 150 caccgaagaa cagggttgt taagatggca 30
 152 <210> SEQ ID NO: 11
 153 <211> LENGTH: 27
 154 <212> TYPE: DNA
 155 <213> ORGANISM: Artificial Sequence
 157 <220> FEATURE:
 158 <223> OTHER INFORMATION: primer
 160 <400> SEQUENCE: 11
 161 catctcaact tagtattata cccacac 27
 163 <210> SEQ ID NO: 12
 164 <211> LENGTH: 22
 165 <212> TYPE: DNA
 166 <213> ORGANISM: Artificial Sequence
 168 <220> FEATURE:
 169 <223> OTHER INFORMATION: primer
 171 <400> SEQUENCE: 12
 172 agaggaattt aacctcttgac tg 22
 174 <210> SEQ ID NO: 13
 175 <211> LENGTH: 20
 176 <212> TYPE: DNA
 177 <213> ORGANISM: Artificial Sequence
 179 <220> FEATURE:
 180 <223> OTHER INFORMATION: probe
 182 <400> SEQUENCE: 13
 183 ttgtttaaga tggcaggggcc 20
 185 <210> SEQ ID NO: 14
 186 <211> LENGTH: 21
 187 <212> TYPE: DNA
 188 <213> ORGANISM: Artificial Sequence
 190 <220> FEATURE:
 191 <223> OTHER INFORMATION: probe

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193 <400> SEQUENCE: 14 21
 194 ttgttaaga tggcagggcc c
 196 <210> SEQ ID NO: 15
 197 <211> LENGTH: 22
 198 <212> TYPE: DNA
 199 <213> ORGANISM: Artificial Sequence
 201 <220> FEATURE:
 202 <223> OTHER INFORMATION: probe
 204 <400> SEQUENCE: 15
 205 gcgattaccc ggccctgcca tc 22
 207 <210> SEQ ID NO: 16
 208 <211> LENGTH: 20
 209 <212> TYPE: DNA
 210 <213> ORGANISM: Artificial Sequence
 212 <220> FEATURE:
 213 <223> OTHER INFORMATION: probe
 215 <400> SEQUENCE: 16
 216 ccggggccctg ccatcttaac 20
 218 <210> SEQ ID NO: 17
 219 <211> LENGTH: 17
 220 <212> TYPE: DNA
 221 <213> ORGANISM: Artificial Sequence
 223 <220> FEATURE:
 224 <223> OTHER INFORMATION: probe
 226 <400> SEQUENCE: 17
 227 ttaagatggc agggccc 17
 229 <210> SEQ ID NO: 18
 230 <211> LENGTH: 16
 231 <212> TYPE: DNA
 232 <213> ORGANISM: Artificial Sequence
 234 <220> FEATURE:
 235 <223> OTHER INFORMATION: probe
 237 <400> SEQUENCE: 18
 238 ttaagatggc agggccc 16
 240 <210> SEQ ID NO: 19
 241 <211> LENGTH: 20
 242 <212> TYPE: DNA
 243 <213> ORGANISM: Artificial Sequence
 245 <220> FEATURE:
 246 <223> OTHER INFORMATION: probe
 248 <400> SEQUENCE: 19
 249 gattaccggg ccctgcccac 20
 251 <210> SEQ ID NO: 20
 252 <211> LENGTH: 16
 253 <212> TYPE: DNA
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 256 <220> FEATURE:
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 259 <400> SEQUENCE: 20

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Input Set : A:\PTO.RJ.TXT

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262 <210> SEQ ID NO: 21
263 <211> LENGTH: 18
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: probe
270 <400> SEQUENCE: 21
271 gggccctgcc atcttaac 18
273 <210> SEQ ID NO: 22
274 <211> LENGTH: 17
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: probe
281 <400> SEQUENCE: 22
282 gccctgcca tcttaac 17

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/28/2005
PATENT APPLICATION: US/10/553,576 TIME: 10:05:21

Input Set : A:\PTO.RJ.TXT
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,576

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Input Set : A:\PTO.RJ.TXT

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD